

GULF STATE UTILITIES-NORTH RYAN STREET

Post-Hurricane Harvey condition of groundwater at Gulf State Utilities-North Ryan Street is consistent with historical site conditions that existed before the hurricane made landfall.

On September 13, 2017, groundwater samples were collected and analyzed for volatile organic compounds and semi-volatile organic compounds to evaluate the potential effects from Hurricane Harvey. No volatile organic compounds or semi-volatile compounds were detected in the groundwater samples. The sample results indicate that the site remedy is operating as intended, and is protective of human health and the environment.

The 19-acre Gulf States Utilities (GSU)-North Ryan Street site is located in Lake Charles in Calcasieu Parish, Louisiana. A manufactured gas plant operated at the site prior to 1926. Coal tar byproducts generated during gas plant activities were reportedly discharged into marshlands west of the gas plant. Additionally, a 6-acre wetland area was used as a landfill for the disposal of electric equipment, poles, appliances and other waste. Historical operations and disposal practices contaminated soil, sediment, surface water and groundwater with hazardous chemicals. EPA has selected and implemented cleanups of the contaminated soils, sediment and groundwater at the site.

EPA issued a Record of Decision (ROD) for groundwater (referred to as operable unit 1) in 2000, which selected monitored natural attenuation as the groundwater remedy. The responsible party continues to perform annual groundwater monitoring and post-removal site control inspections. GSU, with oversight from EPA, performed a removal action from 2000-2003 to address on-site contaminated soil and contaminated Calcasieu River sediment. In 2004, the EPA issued a ROD addressing the soil contamination (referred to as operable unit 2) at the site. EPA selected "no further action" for soil at the site based on the low-level risks remaining after the removal actions. The EPA issued the second Five Year Review Report (FYR) for Gulf State Utilities North Ryan Street Superfund site in August 2015 and determined that the remedy is protective in the short term.

The next site evaluation will be during the Superfund Five-Year Review. EPA is responsible for reviewing Superfund remedial actions at least every five years where hazardous substances, pollutants or contaminants will remain on site above levels that allow for unlimited use and unrestricted exposure. CERCLA also requires that EPA report to Congress regarding these sites. A Superfund Five-Year Review Report to Congress is prepared each fiscal year.